

DEC 15 2004

**MORRISON & FOERSTER LLP**

Attorneys at Law  
3811 Valley Centre Drive  
Suite 500  
San Diego, California 92130-2332  
Telephone: (858) 720-5100  
Facsimile: (858) 720-5125

**To: U.S. Patent and Trademark Office  
(MS RCE)**

**Facsimile: (703) 872-9306**

**From: Karen R. Zachow, Ph.D. – Reg. No. 46,332**

**Date: December 15, 2004**

We are transmitting a total of 5 pages (including this page).  
Original or hard copy to follow if this box is checked ☐.

**If you do not receive all pages, please call (858) 720-7972 as soon as possible.**

Preparer of this slip has confirmed that facsimile number given is correct: 10598/gly1

If your receipt of this transmission is in error, please notify this firm immediately by collect call to sender at (858) 720-7972 and send the original transmission to us by return mail at the address below.

This transmission is intended for the sole use of the individual and entity to whom it is addressed, and may contain information that is privileged, confidential and exempt from disclosure under applicable law. You are hereby notified that any dissemination, distribution or duplication of this transmission by someone other than the intended addressee or its designated agent is strictly prohibited.

**Comments:**

ATTORNEY DOCKET: 322732000401  
GROUP ART UNIT: 1648  
EXAMINER: B. Li  
SERIAL NO.: 10/028,172  
FILING DATE: December 21, 2001  
INVENTOR(S): Yoichi TAKAHAMA et al.  
TITLE: DIAGNOSTIC REAGENT FOR HEPATITIS C VIRUS INFECTION

**Papers Attached:**

1. RCE Transmittal (1 page)
2. Fee Transmittal (1 page + duplicate for fee processing)
3. Petition for Extension of Time (1 page)

**IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CALL  
GRACE YU AT (858) 720-7972 AS SOON AS POSSIBLE.**

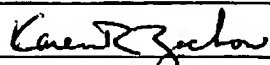
sd-235508

PTO/SB/17 (12-04)

Approved for use through 07/31/2008. OMB 0851-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

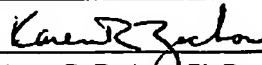
Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2005</h3>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/028,172
		Filing Date	December 21, 2001
		First Named Inventor	Yoichi Takahama
		Examiner Name	B. Li
		Art Unit	1648
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 1,690.00		Attorney Docket No.	322732000401
<b>METHOD OF PAYMENT</b> (check all that apply)			
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____			
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>03-1952</u> Deposit Account Name: <u>Morrison &amp; Foerster LLP</u> For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)			
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee			
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments			
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.			
<b>FEE CALCULATION</b>			
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>			
FILING FEES		SEARCH FEES	
Application Type	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	0.00
Design	200	100	0.00
Plant	200	100	0.00
Reissue	300	150	0.00
Provisional	200	100	0.00
EXAMINATION FEES		EXAMINATION FEES	
Application Type	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	200	100	0.00
Design	130	65	0.00
Plant	160	80	0.00
Reissue	600	300	0.00
Provisional	0	0	0.00
<b>2. EXCESS CLAIM FEES</b>			
Fee Description		Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent		50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent		200	100
Multiple dependent claims		360	180
Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
-20 or HP	x	=	0.00
HP + highest number of total claims paid for, if greater than 20			
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
-20 or HP	x	=	0.00
HP + highest number of independent claims paid for, if greater than 3			
<b>3. APPLICATION SIZE FEE</b>			
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or reaction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=
<b>4. OTHER FEE(S)</b>			
Non-English Specification, \$130 fee (no small entity discount)			Fee Paid (\$)
Other: 3-Months extension of time (1 month already paid for; \$1020.00 - \$120.00 = \$900.00)			\$900.00
Request for Continued Examination			\$790.00
<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	46,332
Name (Print/Type)	Karen R. Zachow, Ph.D.	Telephone	(858) 720-5191
		Date	December 15, 2004

sd-235501

PTO/SB/17 (12-04)

Approved for use through 07/31/2008. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4618). <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2005</h3>		<b>Complete if Known</b>																																																											
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/028.172																																																										
		Filing Date	December 21, 2001																																																										
		First Named Inventor	Yoichi Takahama																																																										
		Examiner Name	B. Li																																																										
		Art Unit	1648																																																										
TOTAL AMOUNT OF PAYMENT (\$) 1,690.00		Attorney Docket No.	322732000401																																																										
<b>METHOD OF PAYMENT (check all that apply)</b>																																																													
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____																																																													
<input checked="" type="checkbox"/> Deposit Account   Deposit Account Number: <u>03-1952</u> Deposit Account Name: <u>Morrison &amp; Foerster LLP</u> For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)																																																													
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee																																																													
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments																																																													
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																													
<b>FEE CALCULATION</b>																																																													
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Application Type</th> <th colspan="2">FILING FEES</th> <th colspan="2">SEARCH FEES</th> <th colspan="2">EXAMINATION FEES</th> <th rowspan="2">Fees Paid (\$)</th> </tr> <tr> <th>Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee (\$)</th> <th>Small Entity Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>Utility</td> <td>300</td> <td>150</td> <td>500</td> <td>250</td> <td>200</td> <td>100</td> <td>0.00</td> </tr> <tr> <td>Design</td> <td>200</td> <td>100</td> <td>100</td> <td>50</td> <td>130</td> <td>65</td> <td>0.00</td> </tr> <tr> <td>Plant</td> <td>200</td> <td>100</td> <td>300</td> <td>150</td> <td>160</td> <td>80</td> <td>0.00</td> </tr> <tr> <td>Reissue</td> <td>300</td> <td>150</td> <td>500</td> <td>250</td> <td>600</td> <td>300</td> <td>0.00</td> </tr> <tr> <td>Provisional</td> <td>200</td> <td>100</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0.00</td> </tr> </tbody> </table>								Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Utility	300	150	500	250	200	100	0.00	Design	200	100	100	50	130	65	0.00	Plant	200	100	300	150	160	80	0.00	Reissue	300	150	500	250	600	300	0.00	Provisional	200	100	0	0	0	0	0.00
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)																																																						
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)																																																							
Utility	300	150	500	250	200	100	0.00																																																						
Design	200	100	100	50	130	65	0.00																																																						
Plant	200	100	300	150	160	80	0.00																																																						
Reissue	300	150	500	250	600	300	0.00																																																						
Provisional	200	100	0	0	0	0	0.00																																																						
<b>2. EXCESS CLAIM FEES</b>																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Description</th> <th>Fee (\$)</th> <th>Small Entity Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent</td> <td>50</td> <td>25</td> </tr> <tr> <td>Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent</td> <td>200</td> <td>100</td> </tr> <tr> <td>Multiple dependent claims</td> <td>360</td> <td>180</td> </tr> </tbody> </table>								Fee Description	Fee (\$)	Small Entity Fee (\$)	Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25	Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100	Multiple dependent claims	360	180																																										
Fee Description	Fee (\$)	Small Entity Fee (\$)																																																											
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25																																																											
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100																																																											
Multiple dependent claims	360	180																																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee (\$)</th> <th>Fee Paid (\$)</th> <th>Multiple Dependent Claims</th> <th>Fee (\$)</th> <th>Fee Paid (\$)</th> </tr> </thead> <tbody> <tr> <td>-20 or HP</td> <td>x</td> <td></td> <td>0.00</td> <td></td> <td></td> <td>0.00</td> </tr> </tbody> </table>								Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)	-20 or HP	x		0.00			0.00																																								
Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)																																																							
-20 or HP	x		0.00			0.00																																																							
HP + highest number of total claims paid for, if greater than 20																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Indep. Claims</th> <th>Extra Claims</th> <th>Fee (\$)</th> <th>Fee Paid (\$)</th> </tr> </thead> <tbody> <tr> <td>-20 or HP</td> <td>x</td> <td></td> <td>0.00</td> </tr> </tbody> </table>								Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	-20 or HP	x		0.00																																														
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)																																																										
-20 or HP	x		0.00																																																										
HP + highest number of independent claims paid for, if greater than 3																																																													
<b>3. APPLICATION SIZE FEE</b>																																																													
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or reaction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.18(s).																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof</th> <th>Fee (\$)</th> <th>Fee Paid (\$)</th> </tr> </thead> <tbody> <tr> <td>- 100 =</td> <td>/ 50 =</td> <td>(round up to a whole number) x</td> <td></td> <td></td> </tr> </tbody> </table>								Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)	- 100 =	/ 50 =	(round up to a whole number) x																																														
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)																																																									
- 100 =	/ 50 =	(round up to a whole number) x																																																											
<b>4. OTHER FEE(S)</b>																																																													
Non-English Specification, \$130 fee (no small entity discount)																																																													
Other: 3-Months extension of time (1 month already paid for; \$1020.00 - \$120.00 = \$900.00)																																																													
Request for Continued Examination																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4"></td> <td style="text-align: right;">Fee Paid (\$)</td> </tr> <tr> <td colspan="4"></td> <td style="text-align: right;">\$900.00</td> </tr> <tr> <td colspan="4"></td> <td style="text-align: right;">\$790.00</td> </tr> </table>												Fee Paid (\$)					\$900.00					\$790.00																																							
				Fee Paid (\$)																																																									
				\$900.00																																																									
				\$790.00																																																									
<b>SUBMITTED BY</b>																																																													
Signature		Registration No. (Attorney/Agent)		Telephone																																																									
		46,332		(858) 720-5191																																																									
Name (Print/Type)				Date																																																									
Karen R. Zachow, Ph.D.				December 15, 2004																																																									

sd-235501

 Duplicate Copy  
 For Fee Processing